

From: [Fabian Kjorstad](#)
To: [jacki](#); [David Edwards](#); [Semerad, Jim L.](#); [Tricia Pfeiffer](#); [Cash Smithwick](#)
Cc: [Kyle Olson](#); [Alexis North](#); [Cindy Beeler](#); [Dihle, Mark A.](#); [Peterson, Todd F.](#); [Jahraus, Tim M.](#); [O'Clair, Terry L.](#); [Roberts, Kris D.](#)
Subject: RE: dust control
Date: 07/23/2012 08:14 AM

All, please note that Jacki is correct in that she is in one of the worse spots in Williams county. By no fault of theirs but their house is on the intersection of the two busiest roads in Williams county.

And in a low area. On a average application we spread a few 100 ft on either side of the house. Too take care of all the dust that the schilke's get we would need to apply the whole intersection.

Which will be very expensive. Dave , an average spraying is \$2500-\$3000 depending on how far they are out of town.

My guess to spray this over the whole intersection would be about \$9,000- \$10,000.

I need your go ahead Dave to spend this amount of money. I will also need where to charge it to.

If we are doing a frac job or moving a rig I usually can charge it to that.

And we are going to be doing a frac job south of the Schilke's house late this week. The water tank is full and ready now.

And because of the road construction on county rd6 we are going right by the Schilke's house.

If the road construction gets done we will detour the trucks so that they are not going by as many homes.

I am not trying to stop the spreading of the dust control . I will do it in the next day or so if you give me the go ahead.

I just want everyone to know the obstacles and the costs so that everyone knows the issues.

Dave , please give me the go ahead and the amount that we can spend. And we will get it applied ASAP.

Thanks,

Fabian Kjorstad
General Manager
5437 137th Ave NW , Williston , ND 58801
Direct: 701-577-1610
Cell: 701-770-3576

From: jacki [mailto:jboid@dia.net]
Sent: Monday, July 23, 2012 8:43 AM
To: David Edwards; Semerad, Jim L.; Tricia Pfeiffer
Cc: Fabian Kjorstad; Kyle Olson; Alexis North; Cindy Beeler; Dihle, Mark A.; Peterson, Todd F.; Jahraus, Tim M.; O'Clair, Terry L.; Roberts, Kris D.

Subject: Re: dust control

Steve and I have no problem with this being put on the roads, we have asked for 2 years that something be done with the dust problems. The problem we have is that just doing dust control in front of our house is solving only part of the problem, we are located on the corner of 2 main County roads, CR 1 & CR 8, no matter which way the wind blows we have it all settle right in our yard, our property sits in a low area. There have been many days my neighbor has told me they cannot even see our house from the road for the cloud of dust from truck traffic.

Pipelines do not seem to help with the traffic problems.

----- Original Message -----

From: [David Edwards](#)

To: [jacki](#) ; [Semerad, Jim L.](#) ; [Tricia Pfeiffer](#)

Cc: [Fabian Kjorstad](#) ; [Kyle Olson](#) ; [Alexis North](#) ; [Cindy Beeler](#) ; [Dihle, Mark A.](#) ; [Peterson, Todd F.](#) ; [Jahraus, Tim M.](#) ; [O'Clair, Terry L.](#) ; [Roberts, Kris D.](#)

Sent: Friday, July 20, 2012 4:59 PM

Subject: RE: dust control

All,

I think we may all agree that Mrs. Schilke is correct regarding the poor efficacy of just spraying water due to the current weather conditions. The product that Mrs. Schilke referenced in her previous message as an "oil like substance" that we sprayed on the road to the east of her is not an oil product. It is a dust suppression product, Earthbind™ 100, manufactured by EnviRoad. This product is used by the US Forest Service and has been approved by Williams County. The product description can be found at: http://enviroad.com/dust_control_earthbind100.shtml; MSDS: http://enviroad.com/dust_control_earthbind100_msd.shtml. As an alternative to spraying water, which as Mrs. Schilke pointed out has its own shortcomings in terms of repetitive application requirements, I would suggest that we apply Earthbind™ 100. After Mr. and Mrs. Schilke have had a chance to review the information on the product, and if they agree that it is appropriate for the road surfaces currently in question, we can arrange for it to be applied. One caveat – if you drive through the product while it is still wet, it will stick to your vehicle and you'll need to wash it off. I'm not aware of it causing damage to paint, but it is a biopolymer and is sticky.

Regarding traffic on the county road, we have instructed our drivers and also our contractors to be considerate when driving past home sites and to minimize the amount of dust resulting from their equipment as best as they can. We continue to remind them of this. However, other entities and individuals use the public roads in this area and we have no control over how they operate their vehicles.

Mrs. Schilke, please review the information I provided and let me know your thoughts. If you agree that it is appropriate, we will get it applied as soon as we can.

Regards,

David Edwards

Environment, Health & Safety Manager

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281.404.9437 Direct | 832.794.7932 Cell
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dedwards@oasispetroleum.com



From: jacki [<mailto:jboid@dia.net>]
Sent: Friday, July 20, 2012 3:38 PM
To: Semerad, Jim L.; Tricia Pfeiffer
Cc: David Edwards; Fabian Kjorstad; Kyle Olson; Alexis North; Cindy Beeler; Dihle, Mark A.; Peterson, Todd F.; Jahraus, Tim M.; O'Clair, Terry L.; Roberts, Kris D.
Subject: Re: dust control

FYI for anyone concerned, water on the road for dust control last about 1-1 1/2 hours with the heavy amount of truck traffic and heat to dry it out.

----- Original Message -----

From: [Semerad, Jim L.](#)
To: [Tricia Pfeiffer](#) ; [Jacki](#)
Cc: [David Edwards](#) ; fkjorstad@oasispetroleum.com ; [Kyle Olson](#) ; [Alexis North](#) ; [Cindy Beeler](#) ; [Dihle, Mark A.](#) ; [Peterson, Todd F.](#) ; [Jahraus, Tim M.](#) ; [O'Clair, Terry L.](#) ; [Roberts, Kris D.](#)
Sent: Friday, July 20, 2012 9:46 AM
Subject: RE: dust control

All:

With the increased truck traffic using our dirt roads, dust has been a concern – the hot dry summer has made conditions worse as you would expect.

Here is what the Division of Air Quality is doing:

1. We have installed additional ambient air quality monitors in the oil patch. Our latest addition is a PM monitor in Williston. We are watching these monitors very closely to see how they compare with our existing monitors. To date, results indicate continued attainment with ambient air quality standards. I would add that our Section Chief asks for updates on a frequent basis so this issue is considered very important.
2. When we get complaints, we check to see if the complaint relates to operations of a single company (example: a temporary construction project like an asphalt concrete plant) or if it is the result of general traffic. If it is from a specific company, we contact the company to work with them on controls. If it is from general traffic, then we contact the county to inform them that they need to evaluate traffic patterns, speeds, dust control measures, etc.
3. The Department of Health is participating in a dust control study to determine what additives are the most effective for dust control on a short term and long term basis. The study will be completed around the end of the year. Information will be

disseminated to counties to ensure that they are aware of the best tools for dust abatement.

Appropriate speed limits/enforcement and road improvements are up to Department of Transportation and local officials. Note that several truck routes have been put in place and/or are planned. The location for these can be very important to specific landowners. Appropriately, meetings have been held to determine the best course of action for each location.

Our office is not involved in the "release" form that Jacki reference nor do we enforce any stipulations if they are signed.

Jim Semerad

Division of Air Quality

Manager, Permitting and Compliance

State Dept. of Health

918 E. Divide Ave. 2nd Floor

Bismarck ND 58501-1947

(701) 328-5188

jsemerad@nd.gov

Division Website:

<http://www.health.state.nd.us/AQ/Airhomepage.htm>

From: Tricia Pfeiffer [\[mailto:Pfeiffer.Tricia@epamail.epa.gov\]](mailto:Pfeiffer.Tricia@epamail.epa.gov)

Sent: Thursday, July 19, 2012 4:44 PM

To: Jacki

Cc: David Edwards; fkjorstad@oasispetroleum.com; Semerad, Jim L.; Kyle Olson

Subject: Re: dust control

Hey Jacki,

It was good talking with you this afternoon. We briefly discussed the email below and I wanted to follow-up. We (State and EPA) have had some email exchanges regarding the email below. Are you wanting to know what has been applied to the road? Do you also want dust control in your area? Can you please respond back to everyone and provide some clarification.

Thanks,
Tricia

Tricia Rios Pfeiffer, Engineer

U.S. Environmental Protection Agency-Region8

Watershed & Aquifer Protection Unit

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▼ "Jacki" ---07/19/2012 08:51:33 AM---This is the way Oasis Petroleum does business, they pick and choose who they are killing. On Friday,

From: "Jacki" <jbojd@dia.net>
To: Tricia Pfeiffer/R8/USEPA/US@EPA
Cc: Kyle Olson/R8/USEPA/US@EPA, "Semerad, Jim L." <jsemerad@nd.gov>, "David Edwards" <dedwards@oasispetroleum.com>, <fkjorstad@oasispetroleum.com>
Date: 07/19/2012 08:51 AM
Subject: dust control

This is the way Oasis Petroleum does business, they pick and choose who they are killing. On Friday, July 13 Oasis put this oil like substance on the road in front of my neighbor directly to the east of me 1 mile, they will not do dust control for anyone else in the area. He did not sign a release or was even asked to sign a release to do this. We have asked many times to do dust control and they refuse, we are told we have to sign a release to have this done. This past spring they also put calcium chloride on the road by Hawkin Jorgenson during calving season, Hawkin did not sign a release to have this done. We breath this dust 24/7, our home sits in a low lying area and it sits right in out yard and will not blow out. The trucks will not slow down when they drive by the house, the cattle are standing in a cloud of dust, dirt running out of their noses.

The message is ready to be sent with the following file or link attachments:

IMG_2785.JPG

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.[attachment "IMG_2785.JPG" deleted by Tricia Pfeiffer/R8/USEPA/US]

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